

09/583261

CCEA

TRANSMITTAL LETTER
(General - Patent Issued)Docket No.
MM4273

Patentee(s): Masaki MOCHIZUKI

U.S. Patent No.

7,020,780

Issue Date

March 28, 2006

Title: **METHOD, APPARATUS AND SYSTEMS FOR PRODUCING AND WRITING CIPHER KEYS, REPRODUCING INFORMATION WITH A CIPHER KEY, AND FOR PERMITTING REPRODUCTION OF INFORMATION WITH A CIPHER KEY, AND PERMITTING REPRODUCTION OF INFORMATION WITH A CIPHER KEY, AND OPTICAL DISC RECORDED WITH A CIPHER KEY**

TO THE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE:

Transmitted herewith is:

REQUEST FOR CERTIFICATE OF CORRECTION**Certificate**
OCT 17 2006
of Correction

- ☐ No additional fee is required.
- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 503814 as described below.
- ☒ Charge the amount of \$100.00
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Signature

Dated: October 9, 2006

OCT 17 2006

Eugene Lieberstein
Reg. No. 24,645
ANDERSON KILL & OLICK, P.C.
1251 Avenue of the Americas
New York, NY 10020
Tel: 1-212-278-1000

10/13/2006 BABRAHA2 00000005 503814 7020780

01 FC 1811 100.00 DA

Customer No.: 01109

cc:

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

October 9, 2006

(Date)

Signature of Person Mailing Correspondence

Maggie McGarry

Typed or Printed Name of Person Mailing Correspondence

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,020,780

Page 1 of 1

APPLICATION NO. : 09/583,261

ISSUE DATE : March 28, 2006

INVENTOR(S) : Masaki MOCHIZUKI

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, please change (73) Assignee from "JVC Victor Co. of Japan, Ltd." to -Victor Co. of Japan, Ltd.-

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Eugene Lieberstein, Reg. No. 24,645
ANDERSON KILL & OLICK, P.C.
1251 Avenue of the Americas
New York, NY 10020

OCT 17 2006

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

OCT 12 2006



US007020780B1

(12) **United States Patent**
Mochizuki

(10) **Patent No.:** **US 7,020,780 B1**
(45) **Date of Patent:** **Mar. 28, 2006**

(54) **METHOD APPARATUS AND SYSTEMS FOR PRODUCING AND WRITING CIPHER KEYS, REPRODUCING INFORMATION WITH A CIPHER KEY, AND FOR PERMITTING REPRODUCTION OF INFORMATION WITH A CIPHER KEY, AND PERMITTING REPRODUCTION OF INFORMATION WITH A CIPHER KEY, AND OPTICAL DISC RECORDED WITH A CIPHER KEY**

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,757,534 A * 7/1988 Matyas et al. 705/56
5,392,351 A * 2/1995 Hasebe et al. 713/193
5,400,319 A * 3/1995 Fite et al. 369/275.5
5,881,038 A * 3/1999 Oshima et al. 369/47.12
5,886,979 A * 3/1999 Moribe et al. 369/47.12

(75) **Inventor:** Masaki Mochizuki, Yokohama (JP)

* cited by examiner

(73) **Assignee:** ~~Victor Co. of Japan, Ltd.,~~
Yokohama (JP)

Primary Examiner—Gilberto Barrón

Assistant Examiner—A. Nobahar

(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1315 days.

(74) **Attorney, Agent, or Firm**—Anderson Kill & Olick;
Eugene Lieberstein; Michael N. Meller

(21) **Appl. No.:** 09/583,261

(57) **ABSTRACT**

(22) **Filed:** May 31, 2000

Related U.S. Application Data

(62) Division of application No. 09/004,196, filed on Jan. 8, 1998, now Pat. No. 6,097,814.

(30) **Foreign Application Priority Data**

Jan. 10, 1997 (JP) 9/014752
Jan. 21, 1997 (JP) 9/021989
Mar. 31, 1997 (JP) 9/096602

(51) **Int. Cl.**
H04L 9/00 (2006.01)

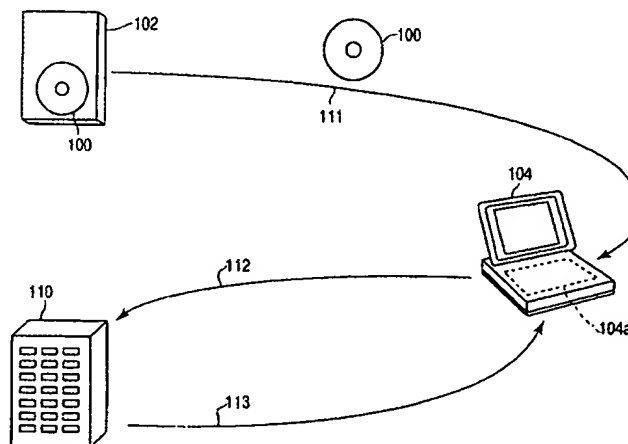
(52) **U.S. Cl.** 713/193; 713/162; 380/43;
380/44; 380/277; 705/51; 705/52; 705/56;
369/47.12; 369/53.21; 369/84; 369/275.5

(58) **Field of Classification Search** 713/193,
713/162; 380/43; 44; 277; 705/51; 52; 56;
369/47.12; 53.21; 84; 275.5

See application file for complete search history.

Plural program information and a BCA (Burst Cutting Area) number of the optical disc 100 is previously recorded in the optical disc 100. A drive ID is stored in the nonvolatile memory 104a of the reproduction apparatus 104. A user of the reproduction apparatus 104 notifies the BCA number, the drive ID, and a number of preferred program information to the software house (software supplier) 110 on the condition that the user pays for the reproduction of the preferred program information recorded in the optical disc 100. The software house 110 notifies a cipher key to the reproduction apparatus 104 or the user. A title key is calculated in the reproduction apparatus 104 in accordance with the BCA number, the drive ID, and the cipher key. The preferred information recorded in the optical disc 100 is permitted to be reproduced by using the title key.

16 Claims, 12 Drawing Sheets



OCT 17 2005